

CONTENTS
VOLUME 104

BENOIS, DENIS. On Iwasawa theory of crystalline representations	211
BORCHERDS, RICHARD E. Reflection groups of Lorentzian lattices	319
VAN DIEJEN, J. F. AND H. PUSCHMANN. Reflectionless Schrödinger operators, the dynamics of zeros, and the solitonic Sato formula	269
DJADLI, ZINDINE, EMMANUEL HEBEY, AND MICHEL LEDOUX. Paneitz-type operators and applications	129
ESCAURIAZA, LUIS. Carleman inequalities and the heat operator	113
ETINGOF, PAVEL AND ALEXANDER VARCHENKO. Traces of intertwiners for quantum groups and difference equations, I	391
FRANECKI, J. AND M. KAPRANOV. The Gauss map and a noncompact Riemann-Roch formula for constructible sheaves on semiabelian varieties	171
HARRIS, JOE AND YURI TSCHINKEL. Rational points on quartics	477
HEBEY, EMMANUEL, ZINDINE DJADLI, AND MICHEL LEDOUX. Paneitz-type operators and applications	129
KAPRANOV, M. AND J. FRANECKI. The Gauss map and a noncompact Riemann-Roch formula for constructible sheaves on semiabelian varieties	171
KI, HASEO AND YOUNG-ONE KIM. On the number of nonreal zeros of real entire functions and the Fourier-Pólya conjecture	45
KIM, YOUNG-ONE AND HASEO KI. On the number of nonreal zeros of real entire functions and the Fourier-Pólya conjecture	45
KUIJLAARS, A. B. J. On the finite-gap ansatz in the continuum limit of the Toda lattice	433
LEDOUX, MICHEL, ZINDINE DJADLI, AND EMMANUEL HEBEY. Paneitz-type operators and applications	129
LIN, CHANG-SHOU. Topological degree for mean field equations on S^2	501
LU, JIANG-HUA, MIN YAN, AND YONG-CHANG ZHU. On the set-theoretical Yang-Baxter equation	1
LUTWAK, ERWIN, DEANE YANG, AND GAOYONG ZHANG. A new ellipsoid associated with convex bodies	375
PRASAD, DIPENDRA AND A. RAGHURAM. Kirillov theory for $GL_2(\mathcal{D})$ where \mathcal{D} is a division algebra over a non-Archimedean local field	19
PUSCHMANN, H. AND J. F. VAN DIEJEN. Reflectionless Schrödinger operators, the dynamics of zeros, and the solitonic Sato formula	269
RAGHURAM, A. AND DIPENDRA PRASAD. Kirillov theory for $GL_2(\mathcal{D})$ where \mathcal{D} is a division algebra over a non-Archimedean local field	19
SATO, KANETOMO. Abel-Jacobi mappings and finiteness of motivic cohomology groups	75
ŠILHAVÝ, MIROSLAV. Differentiability properties of isotropic functions	367
TSCHINKEL, YURI AND JOE HARRIS. Rational points on quartics	477

VARCHENKO, ALEXANDER AND PAVEL ETINGOF. Traces of intertwiners for quantum groups and difference equations, I.....	391
WANG, GUOFANG AND XIAOHUA ZHU. Extremal Hermitian metrics on Riemann surfaces with singularities.....	181
WEBSTER, S. M. Holomorphic differential invariants for an ellipsoidal real hypersurface.....	463
YAN, MIN, JIANG-HUA LU, AND YONG-CHANG ZHU. On the set-theoretical Yang-Baxter equation.....	1
YANG, DEANE, ERWIN LUTWAK, AND GAOYONG ZHANG. A new ellipsoid associated with convex bodies.....	375
ZHANG, GAOYONG, ERWIN LUTWAK, AND DEANE YANG. A new ellipsoid associated with convex bodies.....	375
ZHU, XIAOHUA AND GUOFANG WANG. Extremal Hermitian metrics on Riemann surfaces with singularities.....	181
ZHU, YONG-CHANG, JIANG-HUA LU, AND MIN YAN. On the set-theoretical Yang-Baxter equation.....	1

